

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftspersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

<p>The drawings filed (insert name) <i>S/G/H</i></p> <p>A. <u>1. DRAWINGS</u>: 37 CFR 1.84(a): Acceptable categories of drawings:      — Black ink. Color.      — Not black solid lines. Fig(s).      — Color drawings are not acceptable until petition is granted.</p> <p>B. <u>2. PHOTOGRAPHS</u>: 37 CFR 1.84(b):      — Photographs are not acceptable until petition is granted.</p> <p>C. <u>3. GRAPHIC FORMS</u>: 37 CFR 1.84(d):      — Chemical or mathematical formulae set labeled as separate figure.      — Tables.      — Groups of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis.      Fig(s).      — Groups of waveforms not identified with a separate letter designation adjacent to the vertical axis. Fig(s).</p> <p>D. <u>4. TYPE OF PAPER</u>: 37 CFR 1.84(c):      — Paper is legible, strong, white, smooth, nonshiny, and durable.      — Smooth, nonshiny paper.      — Envelopes, iterations, overwritings, bleed-throughs, cracks, creases, and folds not allowed. Sheet(s).</p> <p>E. <u>5. SIZE OF PAPER</u>: 37 CFR 1.84(f): Acceptable paper sizes:      21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)      21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)      21.6 cm. by 29.7 cm. (8 1/2 by 11 inches)      21.0 cm. by 29.7 cm. (DIN size A4)      — All drawing sheets not the same size. Sheet(s).      — Drawing sheet not an acceptable size. Sheet(s).</p> <p>F. <u>6. MARGINS</u>: 37 CFR 1.84(g): Acceptable margins:      Paper size      21.6 cm. X 35.6 cm. (8 1/2 in. X 14 in.) 21 cm. X 27.9 cm. 21 cm. X 29.7 cm.      21.6 cm. X 33.1 cm. (8 1/2 in. X 13 in.) 21 cm. X 27.9 cm. 21 cm. X 29.7 cm.      21.6 cm. X 29.7 cm. (8 1/2 in. X 11 in.) 21 cm. X 27.9 cm. 21 cm. X 29.7 cm.      21.0 cm. by 29.7 cm. (DIN size A4) 21 cm. X 27.9 cm. 21 cm. X 29.7 cm.      Margins not sufficient to sheet above      — Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____</p> <p>G. <u>7. VIEWS</u>: 37 CFR 1.84(h):      REMINDER: Specification may require revision to correspond to drawing requirements.      — All views must be labeled together. Fig(s).      — Views connected by projection lines. Fig(s).      — Views contain center lines. Fig(s).      Part views. 37 CFR 1.84(h)(2):      — Labels on sheet not listed edge to edge. Fig(s).      — View and enlarged view not labeled separately. Fig(s).      — Loss of relationship between different parts not clear and ambiguous. 37 CFR 1.84(e)(2)(iii). Fig(s).      Sectional views. 37 CFR 1.84(e)(3):      — Labels not indicated for sectional portions of an object. Fig(s).      — Hatching of regularly spaced oblique parallel lines not spaced sufficiently. Fig(s).      — Hatching at substantial angle to surrounding axes or principal lines. Fig(s).      — Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s).      — Hatching of juxtaposed different elements not angled in a different way. Fig(s).      Alternative position. 37 CFR 1.84(e)(4):      — Separate view required for a moved position. Fig(s).</p>	<p>Modified forms. 37 CFR 1.84(h)(5)      — Modified form of construction must be shown in separate view. Fig(s).</p> <p>B. <u>ARRANGEMENT OF VIEWS</u>: 37 CFR 1.84(i):      — View placed upon another view or within outline of another. Fig(s).      — Views do not appear in a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s).</p> <p>C. <u>SCALE</u>: 37 CFR 1.84(j):      — Scales not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s).      — Labels not enough to "actual size" or "scale 1/2" not permitted. Fig(s).      — Elements of same view not in proportion to each other. Fig(s).</p> <p>D. <u>CHARACTER OF LINES, NUMBERS, &amp; LETTERS</u>: 37 CFR 1.84(k):      — Lines, numbers, &amp; letters not uniformly thick and well defined. clean, durable, and black (except for color drawings). Fig(s). <i>16/17</i></p> <p>E. <u>SHADING</u>: 37 CFR 1.84(m):      Shading used for other than shape of spherical, cylindrical, and conical elements of an object, or for flat parts. Fig(s).      — Solid black shading areas not permitted. Fig(s).</p> <p>F. <u>NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS</u>: 37 CFR 1.84(p):      — Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1). Fig(s).      — Numbers and reference characters used in conjunction with brackets, inverted commas, or enclosed within quotation. 37 CFR 1.84(p)(2). Fig(s).      — Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(3). Fig(s).      — English alphabet not used. 37 CFR 1.84(p)(2). Fig(s).      — Numbers, letters, and reference characters do not measure at least 32 cm. (1 1/2 in.) in height. 37 CFR(p)(3). Fig(s).</p> <p>G. <u>LEAD LINES</u>: 37 CFR 1.84(q):      — Lead lines cross each other. Fig(s).      — Lead lines missing. Fig(s).      — Lead lines not as short as possible. Fig(s).</p> <p>H. <u>NUMBERING OF SHEETS OR DRAWINGS</u>: 37 CFR 1.84(t):      — Number appears in top margin. Fig(s).      — Number not larger than reference characters. Fig(s).      — Sheet not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s).</p> <p>I. <u>NUMBER OF VIEWS</u>: 37 CFR 1.84(u):      — Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s).      — View numbers not preceded by the abbreviation Fig. Fig(s).      — Single view contains a view number and the abbreviation Fig. Fig(s).      — Numbers not larger than reference characters. Fig(s).</p> <p>J. <u>CORRECTIONS</u>: 37 CFR 1.84(w):      — Corrections not durable and permanent. Fig(s).</p> <p>K. <u>DESIGN DRAWING</u>: 37 CFR 1.112      — Surface shading shown not appropriate. Fig(s).      — Solid black shading not used for color contrast. Fig(s).</p>
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